key K**16** thereof, the downward facing arrow key K**17** thereof, which form the icon images of the application #**1**, are displayed as the operation screen on the display unit **29** including the operation surface.

[0241] In this embodiment, the display region of the key K**1** of numeral "1" corresponds to the element bag portion E**1** shown in FIG. **24**, and similarly, the display region of the key K**2** of numeral "2" corresponds to the element bag portion E**2** shown in FIG. **24**. The display region of the key K**3** of numeral "3" corresponds to the element bag portion E**3** shown in FIG. **24**. The display region of the key K**4** of numeral "4" corresponds to the element bag portion E**4** shown in FIG. **24**. The display region of the key K**5** of numeral "5" corresponds to the element bag portion E**5** shown in FIG. **24**. The display region of the key K**6** of numeral "6" corresponds to the element bag portion E**6** shown in FIG. **24**. The display region of the key K**7** of numeral "7" corresponds to the element bag portion E**7** shown in FIG. **24**. The display region of the key K**8** of numeral "8" corresponds to the element bag portion E**8** shown in FIG. **24**. The display region of the key K**9** of numeral "9" corresponds to the element bag portion E**9** shown in FIG. **24**. The display region of the key K**10** of numeral "0" corresponds to the element bag portion E**10** shown in FIG. **24**. The respective display regions enable the concave and convex touch feeling to be given to the operator's finger when the slide operation or the press operation is executed.

[0242] Further, the display region of the key K**11** of symbol "*" corresponds to the element bag portion E**11** shown in FIG. **24** and the display region of the key K**12** of symbol "#" corresponds to the element bag portion E**12**. The respective display regions enable the concave and convex touch feeling to be given to the operator's finger. Similarly, the display region of the key K**13** of determination "O" which forms the cross key corresponds to the element bag portion E**13**, the display region of the left facing arrow key K**14** thereof corresponds to the element bag portion E**14** and the display region of the upward facing arrow key K**15** thereof corresponds to the element bag portion E**15**. Further, the display region of the right facing arrow key K**16** thereof corresponds to the element bag portion E**16** and the display region of the downward facing arrow key K**17** thereof corresponds to the element bag portion E**17**. When the slide operation or the press operation is executed, the respective display regions enable the concave and convex touch feeling to be given to the operator's finger. The concave and convex touch feeling on the icon image of such a application #**1** occurs based on a fact in which the air-circulation unit **3**A is controlled such that the flow channel changeover unit **3***a***1** shown in FIG. **25**B selects the flow channel **2***a* to send the air to the touch-sensitive variable sheet unit **143** having the base member **106** which is concurrently used as the flow channel panel.

[0243] According to the mobile phone **710** shown in FIG. **26**B, the key images of the Internet, the calendar, the camera, the calculator, the music, the telephone, the multimedia, the user data, the album, various kinds of the settings, the timer, the television, the Web, the wake-up call or the like, which form the icon images of the application #**2**, are displayed as the operation screen on the display unit **29** including the operation surface. In this embodiment, the element bag portions E**41** to E**60** are arranged at positions corresponding to the icon images of the Internet, the calendar, the camera, the computer, the music, the telephone, the multimedia, the user data, the album, various kinds of the settings, the timer, the television, the Web, the wake-up call or the like. When the slide operation or the press operation is executed, the operator's finger obtains respective concave and convex touch feelings. The concave and convex touch feeling on the icon image of such a application #**2** occurs based on a fact in which the air-circulation unit **3**A is controlled such that the flow channel changeover unit **3***a***1** shown in FIG. **25**B selects the flow channel **2***i* to send the air to the touch-sensitive variable sheet unit **142** having the base member **105** which is concurrently used as the flow channel panel.

[0244] The mobile phone **710** shown in FIG. **26**C is used in the horizontally wide manner, and according to the mobile phone **710**, the key array K**100** for the key board which forms the icon images of the application #**3** is displayed as the operation screen on the display unit **29** including the operation surface. The image of the key array K**100** includes the characters of the numerals, the alphabet or the like in which the operation keys are lined up in five lines toward the backward from the just front. In this embodiment, the element bag portion array E**100** is arranged at the position corresponding to the icon image of the key array in which the operation keys for the key board are lined up in five lines toward the backward from the just front. The respective concave and convex touch feelings are obtained when the slide operation or the press operation is executed.

[0245] The concave and convex touch feeling on the icon image of such a application #**3** occurs based on a fact in which the air-circulation unit **3**A is controlled such that the flow channel changeover unit **3***a***1** shown in FIG. **25**B selects the flow channels **2***d* to **2***h* to send the air to the touch-sensitive variable sheet unit **141** having the base member **104** which is concurrently used as the flow channel panel.

[0246] In this embodiment, when touch-typing the key array K**100** for the key board which forms the icon images of the application #**3**, it is possible to obtain the sense of touch that the finger **30***a* feels. Further, even when the key top that has not a plane surface (for example, such as a dome shape) is pushed down, it is possible to obtain the representation of the sense of touch that the finger **30***a* feels. Also, it becomes possible to realize the shape representation in which the sense of touch is used on the operation screen and also, the position on the operation key screen for the sense of touch representation may change depending on the states of the applications #**1** to #**3**.

[0247] The following will describe an information processing example in the mobile phone **710**. FIG. **27** and FIG. **28** show a control example (Nos. 1 and 2) of the display unit and the layered sheet unit **140** for representing a sense of touch in the mobile phone **710** at a time of the execution of the application.

[0248] In this example, there is cited a case in which, based on the selection of the applications #**1** to #**3**, the mobile phone **710** mounted with the input device **400** displays any of the operation screens shown in FIGS. **26**A to **26**C and at the same time, by linking with this display, the sense-of-touch-representing unit is built by sending the air to the element bag portions E**1** to E**17**, the element bag portions E**41** to E**60** or the element bag portion array E**100** in the touch-sensitive variable sheet units **141** to **143** (operation panel building mode).

[0249] In this example, a case is illustrated in which a selection candidate is changed over in order of the application #**1**→the application #**2**→the application #**3** with respect to the operation panel building mode based on an application